

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Thomas R. BOUSSIE et al.

Divisional Application of 09/992,385

Confirmation No.: Unassigned

Filed: December 31, 2003

Art Unit: Unassigned

Examiner: Unassigned

Atty. Docket No.: 41633-199762

For: Substituted Pyridyl Amine Catalysts  
And Processes For Polymerizing  
And Polymers

Customer No.:

26694

**Information Disclosure Statement**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA. 22313-1450

Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of documents A1-A70, that are listed on the attached PTO/SB/08A forms. All of the listed references are of record in parent Application No. 09/992,385 where copies may be obtained in accordance with customary PTO practice. Applicants request that these documents be considered and listed on the face of any patent granted in this application.

Respectfully submitted,

Date

*Dec 31 / 2003*

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 1 of 3

## **Complete if Known**

Application Number	Unassigned
Filing Date	December 31, 2003
First Named Inventor	Thomas R. BOUSSIE
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	41633-199762

## **U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	4,297,465		SMITH	10-27-1981	
	A2	5,026,798		CANICH	06-25-1991	
	A3	5,064,802		STEVENS et al.	11-12-1991	
	A4	5,153,157		HLATKY et al.	10-06-1992	
	A5	5,318,935		CANICH et al.	06-07-1994	
	A6	5,385,993		FUJITA	01-31-1995	
	A7	5,453,410		KOLTHAMMER et al.	09-26-1995	
	A8	5,599,761		TURNER	02-04-1997	
	A9	5,616,664		TIMMERS et al.	04-01-1997	
	A10	5,631,391		CANICH	05-20-1997	
	A11	5,637,660		NAGY et al.	06-10-1997	
	A12	5,763,556		SHAFFER et al.	06-09-1998	
	A13	5,866,665		SHAFFER et al.	02-02-1999	
	A14	5,985,356		SCHULTZ et al.	11-16-1999	
	A15	6,030,917		WEINBERG et al.	02-29-2000	
	A16	6,034,240		LAPOINTE	03-07-2000	
	A17	6,043,363		LAPOINTE et al.	03-28-2000	
	A18	6,103,657		MURRAY	08-15-2000	
	A19	6,214,939		SHINOZAKI et al.	04-10-2001	
	A20	6,239,236		MORINI et al.	05-29-2001	
	A21	6,260,407		PETRO et al.	07-17-2001	
	A22	6,136,748		SMITH	10-2000	

Examiner Signature		Date Considered	
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Examiner Name	Unassigned
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### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	A23	EP	0 748 824			12-18-1996		
	A24	EP	1 041 092			10-04-2000		
	A25	EP	1 195 391			04-10-2002		
	A26	GB	1 340 694			12-12-1973		
	A27	JP	01 011111			01-16-2001		
	A28	JP	01 048909			02-20-2001		
	A29	JP	01 048910			02-20-2001		
	A30	JP	01 048911			02-20-2001		
	A31	JP	01 048925			02-20-2001		
	A32	JP	01 181331			07-03-2001		
	A33	WO	93/05082			03-18-1993		
	A34	WO	93/25590			12-23-1993		
	A35	WO	94/00500			01-06-1994		
	A36	WO	98/10014			03-12-1998		
	A37	WO	98/22514			05-28-1998		
	A38	WO	99/29742			06-17-1999		
	A39	WO	00/50470			08-31-2000		
	A40	EP	0 277 004	A1		08-03-1988		
	A41	EP	0 622 380			11-02-1994		
	A42	WO	98/03521			01-29-1998		
	A43	WO	99/05186			02-04-1999		
	A44	WO	99/06413			02-11-1999		
	A45	WO	99/42467			08-26-1999		
	A46	WO	00/09255			02-24-2000		
	A47	JP	00 239313			09-05-2000		
	A48	JP	01 048936			02-20-2001		
	A49	WO	99/01460			01-14-1999		
	A50	WO	00/20427			04-13-2000		
	A51	WO	00/37511			06-29-2000		
	A52	WO	01/30862			05-03-2001		
	A53	WO	01/40325			06-07-2001		
	A54	WO	01/40330			06-07-2001		
	A55	EP	0 889 061			01-07-1999		

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Examiner Name	Unassigned
Attorney Docket Number	41633-199762

### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A56	KANG et al., "The Synthesis and Polymerization Behavior of Bimetallic Pyridine Diamide Complexes Containing Transition Metal", J. Polym. Sci., Part A: Polym. Chem., 1999, 37 (20), pp. 3756-3762	
	A57	ZINIUK et al., "Zirconium Complexes of Chelating Dianionic Bis (Pentafluorophenylamido) Ligands: Synthesis, Structure and Ethylene Polymerization Activity", Inorg. Chem. Commun., 1999, 2(11), pp. 549-551	
	A58	BERCAW et al., J. Am. Chem. Soc., 1996, Vol. 118, pp. 11988-11989	
	A59	BERCAW et al., J. Am. Chem. Soc., 1999, Vol. 121, pp. 564-573	
	A60	BRINTZINGER et al., Angew. Chem. Int. Ed., 1995, Vol. 34, pp. 1143-1170	
	A61	COATES et al., Angew. Chem. Int. Ed., 2000, Vol. 39, pp. 3626-3629	
	A62	COATES, Chem. Rev. 2000, 100, pp. 1223-1252	
	A63	GIBSON et al., Angew. Chem. Int. Ed., 1999, Vol. 38, pp. 428-447	
	A64	JORDAN, Adv. Organometallic Chem., 1991, Vol. 32, pp. 325-353	
	A65	LAPOINTE et al., J. Am. Chem. Soc., 2000, 122, pp. 9560-9561	
	A66	LUNONGO, J. Appl. Polym. Sci., 1960, 3, pp. 302-309	
	A67	ORGANOMETALLICS, 1999, 18, pp. 3649-3670	
	A68	PIERS et al., J. Am. Chem. Soc., 1999, 121, pp. 3244-3245	
	A69	RESCONI et al., Chem. Rev. 2000, 100, pp. 1253-1345	
	A70	SUNDELL et al. Polymer, 1996, 37, 3227-3231	

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